

520 Rec'd PCT/PTO 20 DEC 1997

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FORM PTO-139 (REV. 11-1988)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPlicant'S DOCKET NUMBER	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				11034US02 / 100-248.P1	
INTERNATIONAL APPLICATION NO. PCT/US98/13007		INTERNATIONAL FILING DATE 22 June 1998		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>09/446415</b>	
TITLE OF INVENTION Bactericidal/Permeability-Increasing Protein: Crystallization, X-Ray Diffraction, Three-Dimensional Structure Determination, Rational Drug Design & Molecular Modeling of Related Proteins				PRIORITY DATE CLAIMED 20 June 1997	
APPLICANT(S) FOR DO/EO/US Lesa J. Beamer, Stephen F. Carroll and David Eisenberg					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1.	<input checked="" type="checkbox"/>	This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.			
2.	<input type="checkbox"/>	This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.			
3.	<input type="checkbox"/>	This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).			
4.	<input checked="" type="checkbox"/>	A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.			
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2))			
	a.	<input type="checkbox"/>	is transmitted herewith (required only if not transmitted by the International Bureau).		
	b.	<input type="checkbox"/>	has been transmitted by the International Bureau.		
	c.	<input checked="" type="checkbox"/>	is not required, as the application was filed in the United States Receiving Office (RO/US).		
6.	<input type="checkbox"/>	A translation of the International Application into English (35 U.S.C. 371(c)(2)).			
7.	<input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))			
	a.	<input type="checkbox"/>	are transmitted herewith (required only if not transmitted by the International Bureau).		
	b.	<input type="checkbox"/>	have been transmitted by the International Bureau.		
	c.	<input type="checkbox"/>	have not been made; however, the time limit for making such amendments has NOT expired.		
	d.	<input checked="" type="checkbox"/>	have not been made and will not be made.		
8.	<input type="checkbox"/>	A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9.	<input type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).			
10.	<input type="checkbox"/>	A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).			
<b>Items 11. to 16. below concern document(s) or information included:</b>					
11.	<input type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
12.	<input type="checkbox"/>	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
13.	<input type="checkbox"/>	A FIRST preliminary amendment.			
	<input type="checkbox"/>	A SECOND or SUBSEQUENT preliminary amendment.			
14.	<input type="checkbox"/>	A substitute specification.			
15.	<input type="checkbox"/>	A change of power of attorney and/or address letter.			
16.	<input checked="" type="checkbox"/>	Other items or information: Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence and Statement Under 37 C.F.R. 1.821; Verified Statement Claiming Small Entity Status; Filing fee (\$945.00); Return postcard			

U.S. APPLICATION NO. 09/446415

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NUMBER

## CALCULATIONS PTO USE ONLY

17. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5))**

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$970.00

International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$840.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but  
international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$760.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 970.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(c)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	25 -20 =	5	X \$18.00
Independent claims	13 -3 =	10	X \$78.00

\$ 90.00

\$ 780.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$260.00

\$ 260.00

**TOTAL OF ABOVE CALCULATIONS =**

\$ 1,050.00

Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28).

\$ 1,050.00

**SUBTOTAL =**

\$ 1,050.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

**TOTAL NATIONAL FEE =**

\$ 1,050.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

**TOTAL FEES ENCLOSED =**

\$ 945.00

Amount to be:  
refunded

\$

charged

\$ 105.00

- a. ☒ A check in the amount of \$ 945.00 to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 13-0017 in the amount of \$ 105.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 13-0017. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO

Janet M. McNicholas

SIGNATURE

Janet M. McNicholas

NAME

32,918

REGISTRATION NUMBER

PATENT

New Patent Application for: Lesa J. Beamer, Stephen F. Carroll and David Eisenberg

Title: BACTERICIDAL/PERMEABILITY-INCREASING PROTEIN: CRYSTALLIZATION, X-RAY DIFFRACTION, THREE-DIMENSIONAL STRUCTURE DETERMINATION, RATIONAL DRUG DESIGN AND MOLECULAR MODELING OF RELATED PROTEINS

Mailing Certification for: Form PTO-1390 - Transmittal Letter to The United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 -

Including:

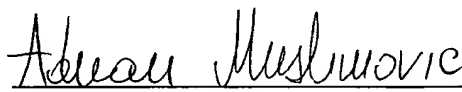
1. Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence and Statement Under 37 C.F.R. §1.821
2. Verified Statement Claiming Small Entity Status under 37 C.F.R. §1.9 and §1.27
3. Filing fee (\$945.00) for filing U.S. National Phase of PCT/US98/13007

Applicant's Reference No.: 11034US02 / 100-248.P1

'EXPRESS MAIL' Mailing Label No. EJ796347558US

Date of Deposit: December 20, 1999

I hereby certify that this paper is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Adnan Muslimovic